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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/088,420	03/13/2002	Toshikazu Uchiyama	172A 3244 PCT	5068
7590	08/16/2004		EXAMINER LAM, TUAN THIEU	
Koda & Androlia 2029 Century Park East Suite 1430 Los Angeles, CA 90067-3024			ART UNIT 2816	PAPER NUMBER

DATE MAILED: 08/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**supplemental  
Notice of Allowability**

Application No.

10/088,420

Examiner

Tuan T. Lam

Applicant(s)

UCHIYAMA ET AL.

Art Unit

2816

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 2/3/2004.
2. ☒ The allowed claim(s) is/are 41, 42, 46 and 48-52.
3. ☒ The drawings filed on 13 March 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

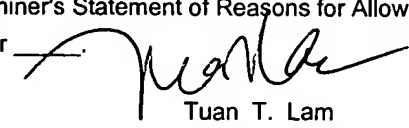
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____  |

  
Tuan T. Lam  
Primary Examiner  
Art Unit: 2816

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1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney William L. Androlia (Reg. No. 27,177) on 8/12/2004.

The following changes have been made to the subject application:

SPECIFICATION:

Page 4, line 12, "claim 1" has been changed to --first embodiment--;

Page 4, line 23, "claim 2" has been changed to --second embodiment--;

Page 5, line 11, "claim 3" has been changed to --third embodiment--;

Page 5, line 22, "claim 4" has been changed to --fourth embodiment--;

Page 6, line 5, "claim 5" has been changed to --fifth embodiment--;

Page 6, line 17, "claim 6" has been changed to --sixth embodiment--;

Page 7, line 6, "claim 7" has been changed to --seventh embodiment--;

Page 7, line 22, "claim 8" has been changed to --eighth embodiment--;

Page 8, line 9, "claim 9" has been changed to --ninth embodiment--;

Page 9, line 1, "claim 10" has been changed to --tenth embodiment--;

Page 9, line 19, "claim 11" has been changed to --eleventh embodiment--;

Page 10, line 11, "claim 12" has been changed to --twelfth embodiment--;

Page 11, line 12, "claim 13" has been changed to --thirteenth embodiment--;

Page 12, line 6, "claim 14" has been changed to --fourteenth embodiment--;

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Page 13, line 1, "claim 15" has been changed to --fifteenth embodiment--;

Page 13, line 13, "claim 16" has been changed to --sixteenth embodiment--;

Page 13, line 21, "claim 17" has been changed to --seventeenth embodiment--;

Page 14, line 3, "claim 18" has been changed to --eighteenth embodiment--;

Page 14, line 13, "claim 19" has been changed to --nineteenth embodiment--;

Page 14, line 26, "claim 20" has been changed to --twentieth embodiment--;

Page 15, line 19, "claim 21" has been changed to --twenty first embodiment--;

Page 16, line 12, "claim 22" has been changed to --twenty second embodiment--;

Page 16, line 21, "claim 23" has been changed to --twenty third embodiment--;

Page 17, line 7, "claim 24" has been changed to --twenty fourth embodiment--;

Page 17, line 22, "claim 25" has been changed to --twenty fifth embodiment--;

Page 18, line 14, "claim 26" has been changed to --twenty sixth embodiment--;

Page 19, line 15, "claim 27" has been changed to --twenty seventh embodiment--;

Page 20, line 17, "claim 28" has been changed to --twenty eighth embodiment--;

Page 21, line 4, "claim 29" has been changed to --twenty ninth embodiment--;

Page 21, line 20, "claim 30" has been changed to --thirtieth embodiment--;

Page 22, line 9, "claim 31" has been changed to --thirty first embodiment--;

Page 23, line 1, "claim 32" has been changed to --thirty second embodiment--;

Page 23, line 19, "claim 33" has been changed to --thirty third embodiment--;

Page 24, line 12, "claim 34" has been changed to --thirty fourth embodiment--;

Page 25, line 14, "claim 35" has been changed to --thirty fifth embodiment--;

Page 26, line 18, "claim 36" has been changed to --thirty sixth embodiment--;

Page 27, line 20, "claim 37" has been changed to --thirty seventh embodiment--;

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Page 28, line 25, "claim 38" has been changed to --thirty eighth embodiment-;

Page 30, line 1, "claim 39" has been changed to --thirty ninth embodiment-;

Page 31, line 6, "claim 40" has been changed to --fortieth embodiment-;

Page 31, line 13, "claim 41" has been changed to --forty first embodiment-;

Page 31, line 22, "claim 42" has been changed to --forty second embodiment-;

Page 32, line 8, "claim 43" has been changed to --forty third embodiment-;

Page 32, line 15, "claim 44" has been changed to --forty fourth embodiment-;

Page 32, line 25, "claim 45" has been changed to --forty fifth embodiment-;

The changes have been made to clarify the embodiments of the invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan T. Lam whose telephone number is 571-272-1744. The examiner can normally be reached on Monday to Friday (7:30 am to 6:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIMOTHY P CALLAHAN can be reached on 571-272-1740. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tuan T. Lam  
Primary Examiner  
Art Unit 2816

8/12/2004